

11/21/01

11-23-01

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IBM Docket No. RAL920000112US2

**In the United States Patent and Trademark Office  
Patent Application Transmittal**

*Transmitted herewith for filing is the Patent Application of:*

Inventors(s): Peter Irma August Barri, Jean Louis Calvignac, Kent Harold Haselhorst,  
Marco C. Heddes, Joseph Franklin Logan, Fabrice Jean Verplanken, Miroslav Vrana  
For: System and Method of Maintaining High Bandwidth Requirement of a Data  
Pipe from Low Bandwidth Memories

CO-ASSIGNEE #1 NAME: International Business Machines Corporation

CO-ASSIGNEE #1 Armonk, New York

RESIDENCE:

CO-ASSIGNEE #2 NAME: Alcatel

CO-ASSIGNEE #2 Paris, France

RESIDENCE:

**Enclosed are**

32 pages of specification, including 29 claims, plus 5 sheets of **Formal** drawings.

X An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an application.

X Declaration and Power of Attorney. (2) NOT FULLY EXECUTED

X PTO-1449 & references

X A return post card

Other:

**Filing Fee Calculation (For Other Than Small Entity)**

Basic Fee:							\$740.00
Claims Fees:		Filed	Limit	Extra		Rate per Extra	
Total claims:		29	20	9		\$18.00	\$162.00
Independent claims:		4	3	1		\$84.00	\$84.00
x	Multiple Dependent Claim Presented					\$280.00	\$280.00
Total							\$1,266.00

Please charge Deposit Account 09-0464 for the Total set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

**Express Mail Certificate**

Express Mail Label No: ET482810900US

Date: November 21, 2001

I hereby certify that I am depositing the papers identified above with the U.S. Postal Service- "Express Mail Post Office to Address" service on the above date, addressed to the Assistant Commissioner for Patents, Washington, DC 20231

*Karen Orzechowski*  
Karen Orzechowski

BY: *Joselyn G. Cockburn*

Joselyn G. Cockburn

Attorney of Record Reg. No. 27069

Date: November 21, 2001

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